



Akshay Kumar Verma
PG (II Year I Semester)
M.Tech. Infrastructure Systems
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Registration No: 22554001/2024



Area of Interest

Data Analytics, Data Science, Software Development

Education

Year	Degree/Examination	Institution/Board	CGPA/ Percentage
2023	M.Tech. 1st Year	Indian Institute of Technology, Roorkee	8.526
2019	Graduate (UG)	IIT Palakkad	7.560
2015	Intermediate (Class XII)	Lucknow Public School	92.40 %
2013	Matriculate (Class X)	Lucknow Public School	9.600

Projects

Airline ticket fare prediction | Self project | Data Analytics June 2023 - July 2023
• Developed a machine learning model using Random Forest Regression to predict airline ticket fares. Achieved an impressive accuracy of 82%

Mathematical model on optimization of parking capacity | Operation Research August 2022 - October 2022
• Designed and implemented a mathematical model based on linear programming techniques to optimize the parking capacity of a designated area. The objective was to efficiently allocate parking spaces while minimizing overcrowding and maximizing utilization.

Skills

Computer languages	Python , SQL
Software Packages	Microsoft office, Power BI, Advanced Excel
Additional Courses	Udemy Courses --> Python for Machine learning and Data Science Masterclass, The complete SQL bootcamp
Languages Known	English, Hindi

Positions of Responsibility & Extra Curriculars

Coordinator Centre for Transportation Systems, IIT Roorkee • ThinkQuest - Centre Research Day of CTRANS	September 2022
Coordinator Centre for Transportation Systems, IIT Roorkee • Sanrachna - Cultural Event of CTRANS	September 2022
Coordinator Centre for Transportation Systems, IIT Roorkee • SynergiA - Industry - Academia meet of CTRANS	February 2023
TA Duty Centre for Transportation Systems, IIT Roorkee • TA duty in Quantitative Techniques for Infrastructure Systems (CTN 501)	July 2023 - Present